



PATENT
Customer No. 22,852
Attorney Docket No. 08726.0018-00000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
Frank W. RATLIFF) Notice of Allowance Dated:
Application No.: 10/617,693) December 14, 2004
Filed: July 14, 2003) Group Art Unit: 3744
For: HEAT PUMP SYSTEM) Examiner: C. Jiang
) Confirmation No.: 3739

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

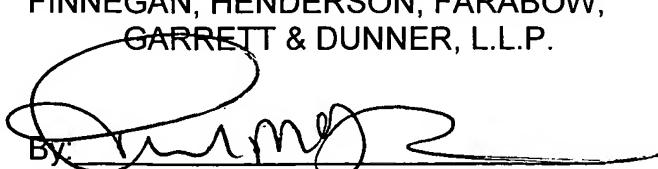
SUBMISSION OF REPLACEMENT DRAWINGS

Please replace the drawings in the above-identified application with the seven (7) sheets of formal drawings filed herewith (Figs. 1-8). Fig. 3 of the previously filed drawings has been moved to a separate drawing sheet. If the replacement drawings for any reason are not in full compliance with the pertinent statutes and regulations, please so advise the undersigned.

If any fees are necessary for the submission of these formal drawings, please charge our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.



Roland G. McAndrews
Reg. No. 41,450

A handwritten signature in black ink, appearing to read "McAndrews", is written over a stylized, swooping line that serves as a signature base. Below the signature, the name "Roland G. McAndrews" is printed in a standard font, followed by "Reg. No. 41,450".

Dated: March 14, 2005